



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: Box ISSUE FEE  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

16N2/0611

FISH & RICHARDSON P.C.  
4225 EXECUTIVE SQUARE  
SUITE 1400  
LA JOLLA, CALIFORNIA 92037

NOTICE OF ALLOWANCE  
AND ISSUE FEE DUE

- Note attached communication from the Examiner  
 This notice is issued in view of applicant's communication filed \_\_\_\_\_

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/286,690	02/10/96	010	SPECTOR, I	1812 06/11/96

First Named  
Applicant

GROTEENDERS, GARY R.

TITLE OF  
INVENTION

POLYPEPTIDES ENCODING CONNECTIVE TISSUE GROWTH FACTOR  
(AS AMENDED)

	ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEES DUE	DATE DUE
2	PD-4100	A34-282-300	ASC	UTILITY	YES	\$625.00	09/11/96

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.**  
**PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

I. Review the SMALL ENTITY Status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the patent and Trademark Office of the change in status, or  
B. If the Status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or  
B. File verified statement of Small Entity Status before, or with, pay of 1/2 the FEE DUE shown above.

II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE.

Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned.

If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.

III. All communications regarding this application must give series code (or filing date), serial number and batch number.

Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

**IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

PATENT AND TRADEMARK OFFICE COPY



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/386,680	02/10/95	GROTENDORST	G PD-4129
		18N2/0611	SPECTOR, EXAMINER
FISH & RICHARDSON P.C. 4225 EXECUTIVE SQUARE SUITE 1400 LA JOLLA, CALIFORNIA 92037		ART UNIT	PAPER NUMBER
		1812	8
DATE MAILED: 06/11/96			

#### NOTICE OF ALLOWABILITY

##### PART I.

- This communication is responsive to Amendment filed 2/16/96.
- All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
- The allowed claims are 5-7, 9-13, 29, 30; Remembered 1-10, respectively.
- The drawings filed on \_\_\_\_\_ are acceptable.
- Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has [...] been received. [...] not been received. [...] been filed in parent application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.
- Note the attached Examiner's Amendment.
- Note the attached Examiner Interview Summary Record, PTO-413.
- Note the attached Examiner's Statement of Reasons for Allowance.
- Note the attached NOTICE OF REFERENCES CITED, PTO-892.
- Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

##### PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
- APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
  - Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. \_\_\_\_\_. CORRECTION IS REQUIRED.
  - The proposed drawing correction filed on \_\_\_\_\_ has been approved by the examiner. CORRECTION IS REQUIRED.
  - Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
  - Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

##### Attachments:

- Examiner's Amendment
- Examiner Interview Summary Record, PTO-413
- Reasons for Allowance
- Notice of References Cited, PTO-892
- Information Disclosure Citation, PTO-1449

- Notice of Informal Application, PTO-152
- Notice re Patent Drawings, PTO-948
- Listing of Bonded Draftsmen
- Other

*[Signature]*

JOHN ULM  
PRIMARY EXAMINER  
GROUP 120

7/24  
386680.all  
6/5/96

**Part III EXAMINER'S AMENDMENT**

An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Lisa Haile on 5/31/96.

**TEXT OF EXAMINER'S AMENDMENT**

In Claim 5, amend "A" to read --An isolated--.

**REASONS FOR ALLOWANCE**

The following is an Examiner's Statement of Reasons for Allowance:

The declaration by Dr. Grotendorst, submitted with the response of 2/16/96 is persuasive in overcoming the rejections over Ryseck et al. According to the declaration, the claimed DNA had been isolated prior to the publication by Ryseck et al.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication should be directed to Lorraine Spector, Ph.D. at telephone number (703) 308-1793.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist at telephone number (703) 308-0196.

Certain papers related to this application may be submitted to Group 1800 by facsimile transmission. Papers should be faxed to Group 1800 via the PTO Fax Center located in Crystal Mall 1 (CM1). The faxing of such papers must conform with the notices published in the Official Gazette, 1156 OG 61 (November 16, 1993) and 1157 OG 94 (December 28, 1993) (see 37 C.F.R. § 1.6(d)). The CM1 Fax Center number is (703) 305-3014. NOTE: If Applicant *does* submit a paper by fax, the original signed copy should be retained by applicant or applicant's representative. **NO DUPLICATE COPIES SHOULD BE SUBMITTED** so as to avoid the processing of duplicate papers in the Office.

LMS  
386680.all  
5/31/96

JOHN ULM  
PRIMARY EXAMINER  
GROUP 1800

PATENT  
ATTORNEY DOCKET NO. 07414/002002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gary R. Grotendorst et al. Art Unit: 1812  
Serial No.: 08/386,680 Examiner: L. Spector  
Filed : February 10, 1995  
Title : POLYNUCLEOTIDES ENCODING CONNECTIVE TISSUE GROWTH  
FACTOR

**Box Issue Fee**

Commissioner of Patents and Trademarks  
Washington, DC 20231

RESPONSE TO NOTICE OF ALLOWANCE

In response to the Notice of Allowance mailed June 11, 1996, enclosed are completed issue fee transmittal form PTOL-85b and PTOL-85c and a check for \$655.00 for the required fee, including patent copies.

Please apply any other charges or credits to our deposit account no. 06-1050.

Respectfully submitted,

Date: 9/11/96

  
Lisa A. Hajle, Ph.D.  
Reg. No. 38,347

Fish & Richardson P.C.  
4225 Executive Square, Suite 1400  
La Jolla, CA 92037

Telephone: 619/678-5070  
Facsimile: 619/678-5099  
18003.L11

Date of Deposit Sept. 11, 1996  
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

